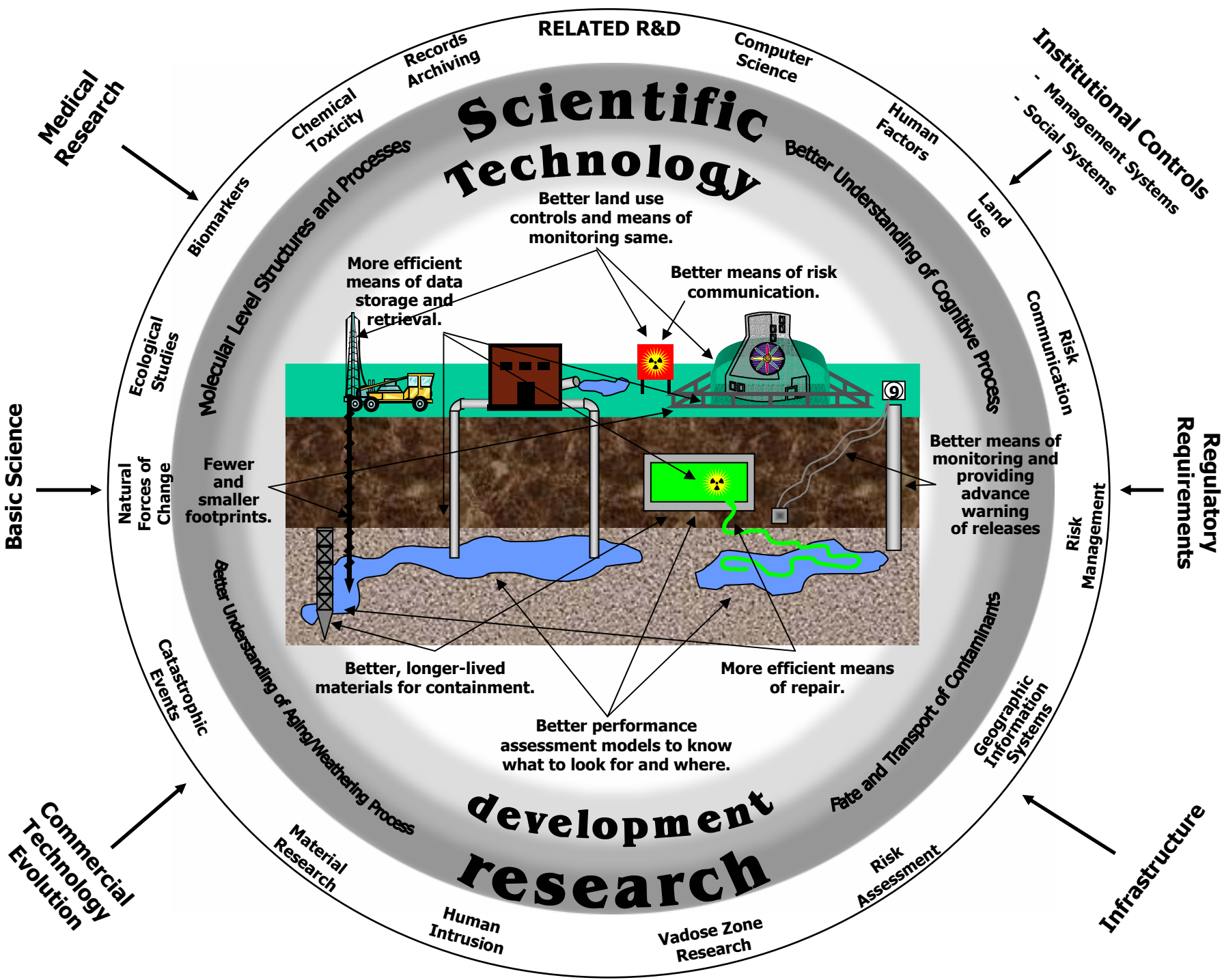
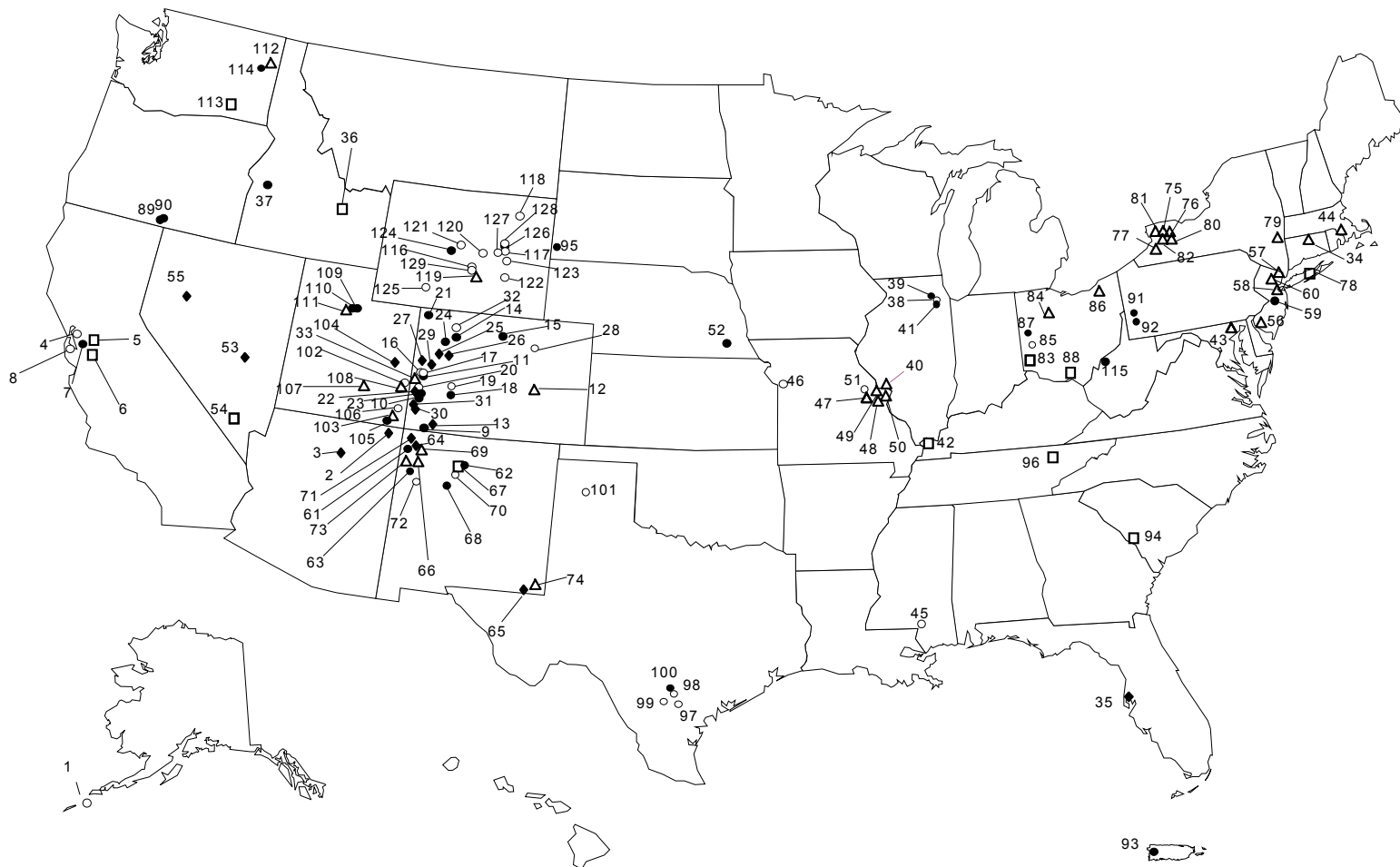


Using an Environmental Management System for Managing DOE's Legacy

DOE Order 450.1 Workshop

26 February, 2003





● 34 sites where cleanup has been completed and DOE is conducting long-term stewardship activities as of 2000

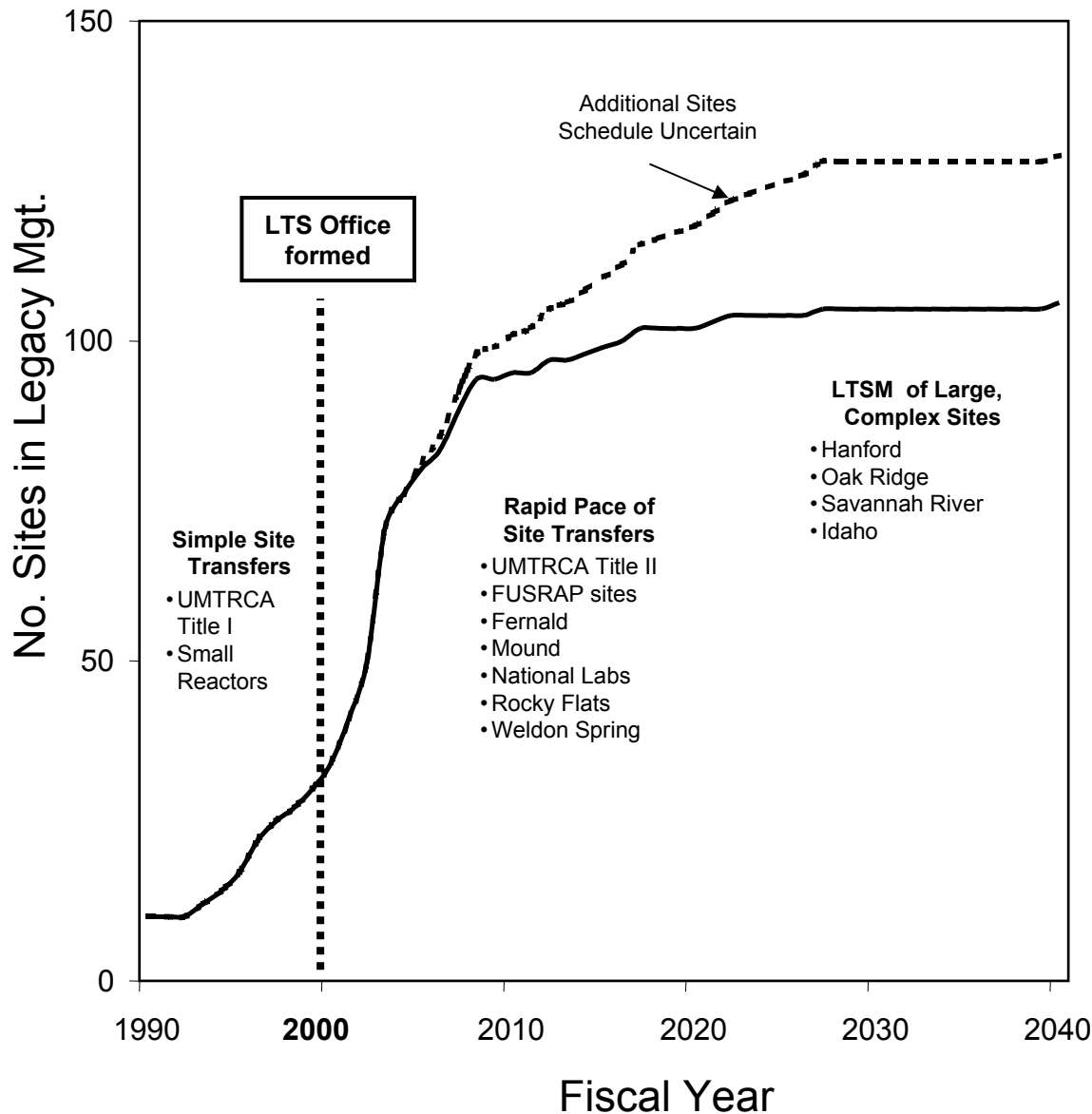
○ 33 sites where cleanup is expected to be completed and DOE will conduct long-term stewardship activities by 2006

29 sites where portion(s) of the site are expected to require long-term stewardship by 2006

□ 12 sites with geographically distinct portions requiring long-term stewardship by 2006

◆ 17 sites where surface cleanup is completed by 2006 and will require long-term stewardship but subsurface characterization and remediation activities will be on-going after 2006

△ 33 sites where DOE may be responsible for long-term stewardship, if long-term stewardship activities are necessary



1996-2000

Need for LTS Established

- Recognize LTS issues
- Develop initial LTS baseline
- Identify specific LTS challenges
- Portions of some sites enter LTS

2001-2006

Build operations for effective LM

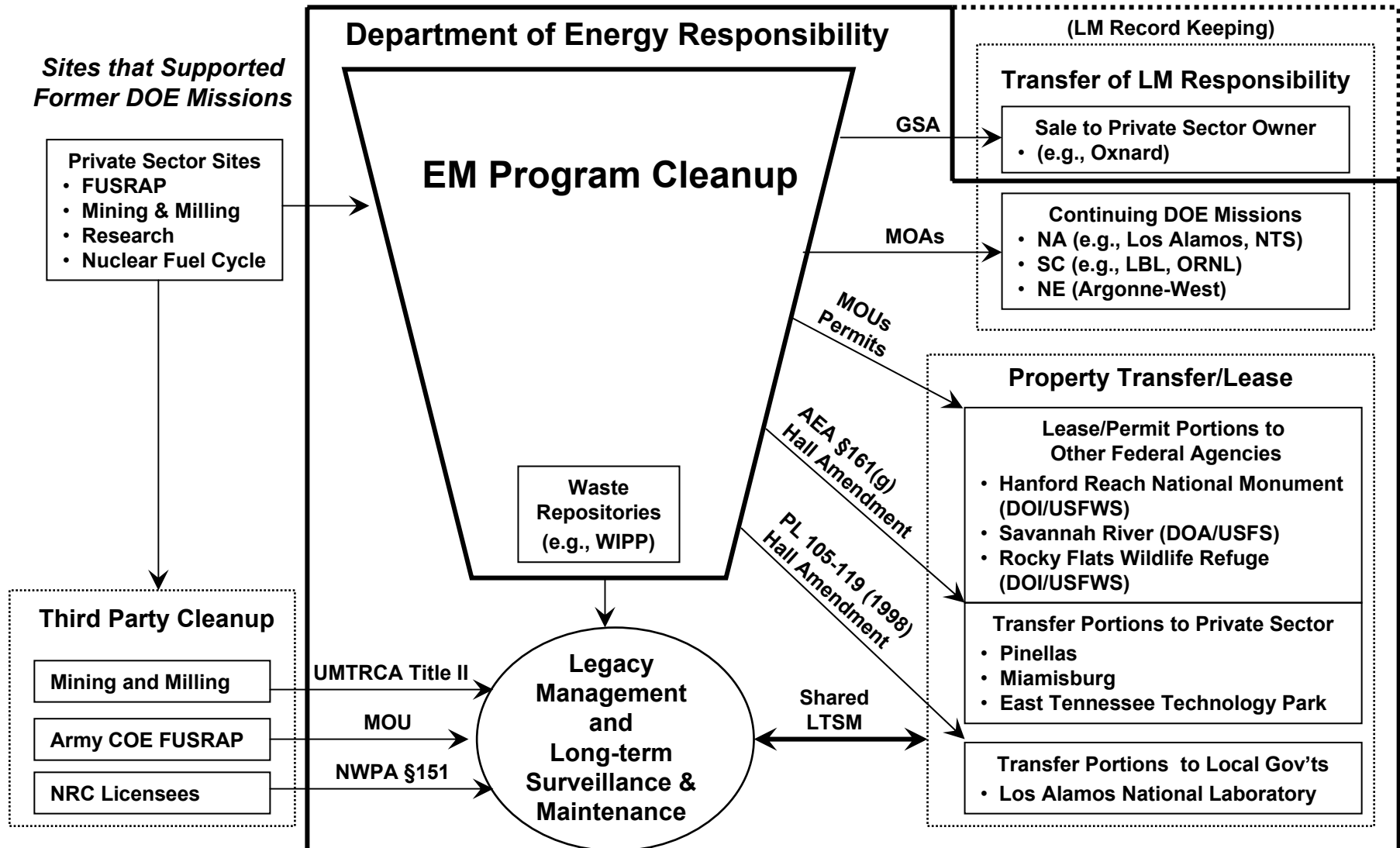
- Build LTS into cleanup decisions
- Develop site LTS transition plans
- Develop LTS S&T Roadmap
- Establish Office of Legacy Management
- Resolve site-specific & nat'l LM issues
- Additional portions of sites enter LM

2006-→

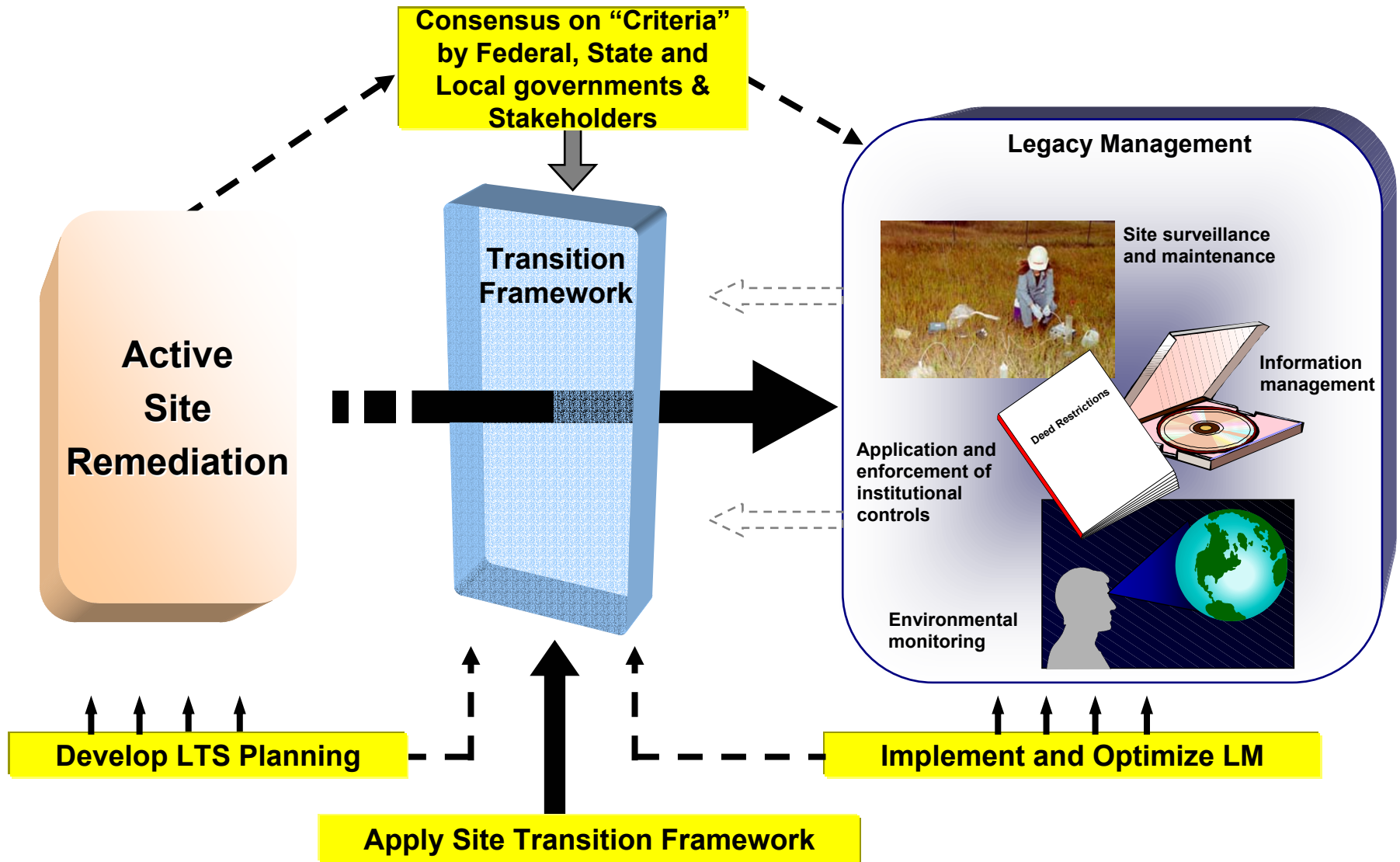
LTSM program in full operation

- Implement site-specific LM plans
- Transfer LM responsibilities
- Deploy LM technologies

Legacy Management Responsibilities are Evolving



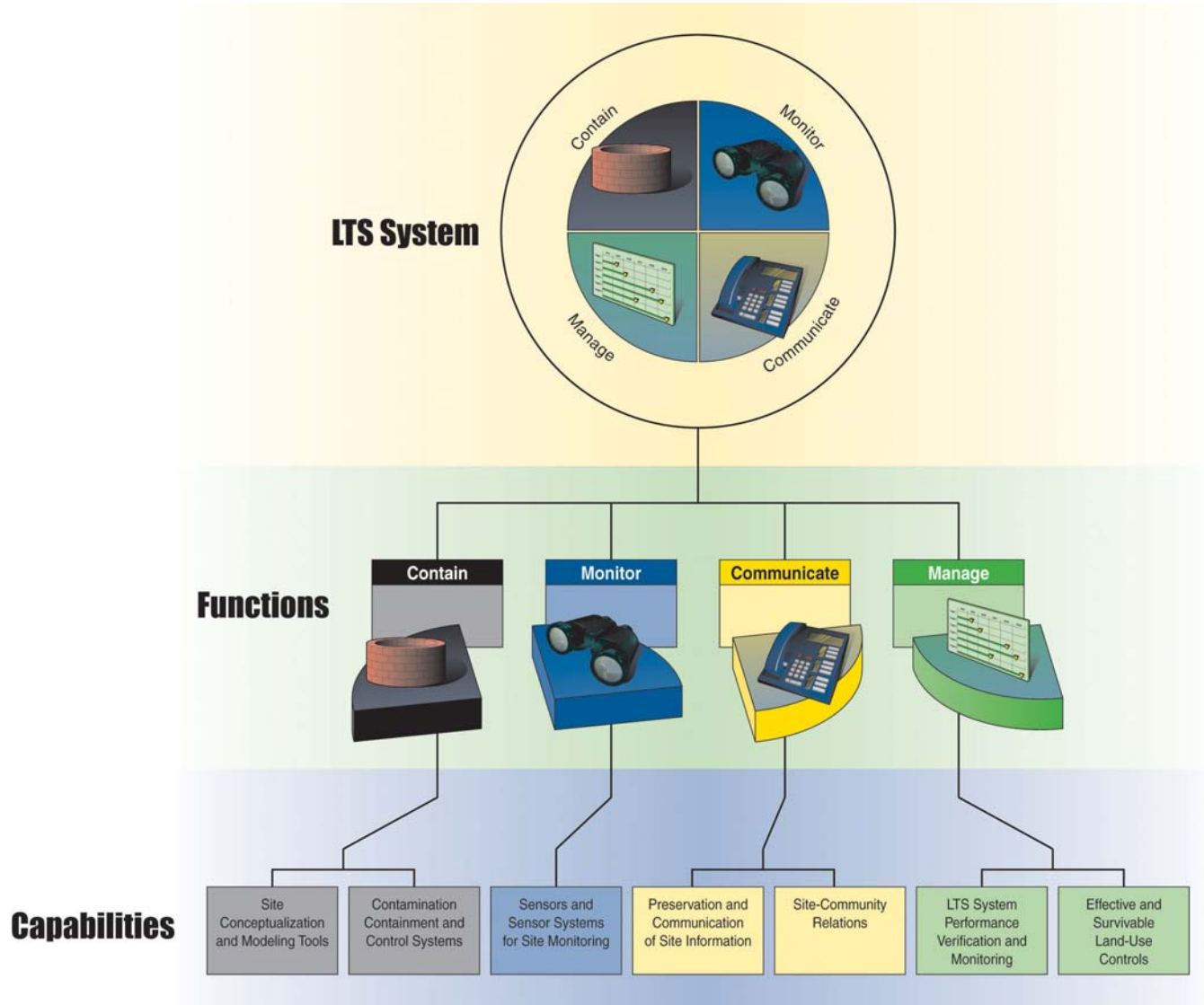
EMS will help with the transition from cleanup to stewardship





- **Environmental Stewardship Policy**
- **Risk-based Budget Prioritization**
- **Organizational Responsibility and Training**
- **Compliance Assurance**
- **Institutional/Project-specific Operational Controls & Maintenance**
- **Monitoring, Surveillance and Reporting**
- **Emergency Preparedness, Response and Contingency Management**
- **Records Management**
- **Performance Reviews, Corrective Action and Improvement**
- **Stakeholder Involvement**

Capability Enhancements to Sustain Long-Term Environmental Stewardship





- **LTS is a Department-wide responsibility**
- **LTS is a component of all aspects of Departmental decision-making**
- **The Department is a trustee of natural and cultural resources**
- **LTS should be incorporated into relevant Departmental policies, practices, and systems**
- **An intergenerational approach is needed for LTS**
- **LTS policy must provide a consistent framework and acknowledge sites' need for flexibility**
- **Involvement of stakeholders and state, local, and tribal governments is critical to LTS**